EAST AFRICAN COMMUNITY

EDICT OF GOVERNMENT

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EAS 225-3 (2001) (English): Umbrella fabrics – Specification Part 3: Silk fabrics

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EAS 225-3:2001
ICS 59.080

EAST AFRICAN STANDARD

Umbrella fabrics — Specification — Part 3: Silk fabrics

EAST AFRICAN COMMUNITY

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First Edition 2001

Foreword

Development of the East African Standards has been necessitated by the need for harmonizing requirements governing quality of products and services in East Africa. It is envisaged that through harmonized standardization, trade barriers which are encountered when goods and services are exchanged within the Community will be removed.

In order to achieve this objective, the Partner States in the Community through their National Bureaux of Standards, have established an East African Standards Committee.

The Committee is composed of representatives of the National Standards Bodies in Partner States, together with the representatives from the private sectors and consumer organizations. Draft East African Standards are circulated to stakeholders through the National Standards Bodies in the Partner States. The comments received are discussed and incorporated before finalization of standards, in accordance with the procedures of the Community.

East African Standards are subject to review, to keep pace with technological advances. Users of the East African Standards are therefore expected to ensure that they always have the latest versions of the standards they are implementing.

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Umbrella fabrics — Specification — Part 3: Silk fabrics

1 Scope

This part of this East African Standard specifies the requirements for woven umbrella fabrics composed of 100% silk fibres.

2 References

The titles of the East African Standards referred to in this standard are listed below.

EAS 225-1, *Umbrella fabrics — Specification — Part 1: 100% cotton fabrics*

EAS 242, *Method for determination of dimensional change of fabrics by cold water immersion*

CD-K-04-2002, *Method for determination of breaking force and elongation of woven fabrics*

CD-K-95-01, *Method for determination of mass per unit length or area of woven and knitted fabrics*

EAS 255, *Method for quantitative chemical analysis of binary fibre mixtures*

EAS 239, *Method for determination of colour fastness of textile materials to rubbing*

EAS 249, *Method for determination of colour fastness of textile materials to light*

EAS 252, *Method for determination of water repellency of fabrics by cone test*

EAS 254, *Method for determination of tear resistance of woven fabrics by falling pendulum*

EAS 251, *Method for determination of resistance of fabrics to penetration by water (hydrostatic head test*

EAS 258, *Methods for determination of dimensions of woven fabrics*

CD-K-05-2002, *Specification for upholstery fabrics and knitted fabrics*

EAS 245, *Methods of test for coated fabrics — Part 1: Determination of roll characteristics*

3 Definitions

For the purpose of this East African Standard, definitions given in EAS 225-1 apply.

4 Requirements

4.1 Fabric composition

The fabric shall be woven from 100% silk yarns. This shall be determined in accordance with EAS 255.

4.2 Fabric properties

The fabric properties shall be as specified in Table 1. These properties shall be determined in accordance with the method of test indicated against each property in the table.

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Table 1 — Fabric properties

Characteristics		Requirement	Test Method
Mass per sq.m, g, minimum		110	CD-K-95-01
Tear resistance, wither direction, N minimum		60	EAS 254
Breaking force (5 cm × 20 cm strips), either direction, N minimum		Warp 500	CD-K-04-2002
		Weft 400	
Resistance to yarn slippage N, minimum		100 for seam opening of 3 mm	CD-K-05-12002
Dimensional changes after cold-water immersion, max.		-3 %	EAS 242
Water penetration resistance, minimum		40 cm H_2O	EAS 251
Water repellency		No wetting of outer surface	EAS 252
Colour fastness to weathering		5	EAS 249-2
Colour fastness to rubbing	Wet	4	EAS 239-1
	Dry	4	EAS 239-1

4.3 Dimensions of a piece

4.3.1 Width

The width of each piece shall be as declared subject to a tolerance of +2 % or -(minus) 1 %. This shall be determined in accordance with EAS 258-1.

4.3.2 Length

The length of each piece shall be as declared subject to a tolerance of -(minus) 1%. This shall be determined in accordance with EAS 258-2.

4.4 Dimensions of a roll

4.4.1 Width

The width of each roll shall be as declared subject to a tolerance of -(minus) 1 or +2 %. This shall be determined in accordance with Clause 4 of EAS 245-1.

4.4.2 Length

The length of each roll shall be as declared subject to a tolerance of -(minus) 1 %. This shall be determined in accordance with Clause 3 of EAS 245-1.

5 Packing

The fabric shall be rolled-up into rolls or lapped into bales of the agreed length. The rolls or bales shall be securely wrapped with suitable wrappers to prevent damage.

6 marking

The following information shall be clearly marked on each roll or bale:

(a) Manufacturer's name or registered trademark;

(b) The words "Silk umbrella fabric";

(c) Length in metres (m);

(d) mass of roll or bale in Kg;

(e) width in centimetres (cm);

(f) country of origin

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